PC	EPA GRANT NUMBER	subgrantorcontractnumber	Recipient Name	Project Title	Description	Latitude	Longitude	LatLongComment	sound-wide	Project Partners	Project Start	Project End
PC	00J20101-1	G1300129	A Rocha USA	Whatcom Clean Water Program BMP Project Management	This project will establish a "store front" to work with landowners to install BMPs. The fund will pay for eligible agricultural BMPs including	48.777460	-122.596436			DOH, Whatcom County, CD	5/15/2013	10/31/2015
PC	00J20101-1	C1200179	Bothell	Local Source Control	The Local Source Control (LSC) partnership focuses directly on assisting small businesses to prevent polluted runoff. The funds will support the existing LSC	47.761945	-122.205391				2012	10/10/2015
PC	00J20101-1	G1300090	Capitol Land Trust	Johns Creek Estuary Conservation	Acquire a 47-acre golf course on Oakland Bay and Johns Creek. Cease operation of the golf course, stop irrigation and nitrogen/lawn chemical application, and begin restoring property.	47.24393	-123.044086			Squaxin Island Tribe, multiple funding entities	2/1/2013	12/1/2014
PC	00J20101-1	G1300088	City of Bellingham	Phosphorous Management for Lake Whatcom	• Retrofit 1,200 lineal feet of grassy ditches, converting them into enhanced treatment and infiltration systems. This would produce a total	48.765708	-122.401450				1/1/2013	12/13/2015
PC	00J20101-1	C1200170	Clean Production Action	Development of a Chemical Hazard-Based Technical Alternative Assessment Guidance	With the assistance of two consultants, Ecology is leading a collaborative process with stakeholders to define elements of				sound-wide	WA Department of Ecology	10/31/2013	3/31/2014
PC	00J20101-1	C1200186	Everett	Local Source Control	The Local Source Control (LSC) partnership focuses directly on assisting small businesses to prevent polluted runoff. The funds	47.978891	-122.201786				2012	10/10/2015

PC	00J20101-1	G130087	Kitsap Public Health	Nutrient Reduction Pollution Identification and Correction Program Murden Cove	WA Department of Ecology competitively selected and fund this geographic project to address nutrients. The focus will be on	47.567058	-122.62579		Bainbridge Island, Conservation District, Watershed	1/1/2013	12/31/2015
PC	00J20101-1	C1300124	National Oceanic and Atmospheric Administration	Juvenile Chinook Salmon Contaminant Monitoring	Juvenile Chinook salmon can encounter a wide range of water quality conditions, from relatively clean to highly contaminated, as			sound-wide	Washington Department of Fish and Wildlife	3/4/2013	1/31/2014
PC	00J20101-1	C1200088	Northwest Indian Fisheries Commission	Development of a Fish Consumption Rate	Washington is revising its fish consumption rates to better protect people and Puget Sound. WA Department of Ecology and the	47.052347	-122.792301	sound-wide		8/22/2011	6/30/2012
PC	00J20101-1	internal award	WA Department of Ecology	pH Model Quality Assurance Project Plan	A sound-wide Quality Assurance Project Plan will be written to 1) define monitoring needs to support pH modeling, 2) assess alternative	48.075068	-123.052883	sound-wide	Pacific Northwest National Laboratory	8/30/2012	6/30/2013
PC	00J20101-1	internal award	WA Department of Ecology	Model sediment-water interactions in Puget Sound	Ecology proposes to build a sediment diagenesis component to the Puget Sound Dissolved Oxygen Model developed by PNNL. Dissolved oxygen modeling efforts			sound-wide	Pacific Northwest National Laboratory	9/1/2013	9/30/2015
PC	00J20101-1	G1300037	Pacific Shellfish Institute	Nutrient Bioextraction: Shellfish at Work	This project will mitigate anthropogenic nutrient loads and support habitat renewal in Budd Inlet through the establishment of a	47.109042	-122.911606			9/6/2012	12/31/2014
PC	00J20101-1	G1200428	Pierce County Public Works and Utilities	Chambers Creek Derelict Piling Removal	Creosote pilings are a leading cause of Polycyclic Aromatic Hydrocarbon (PAH) pollution in Puget Sound; as the pilings remain submerged, they	47.19181	-122.57412			5/15/2012	6/30/2013
PC	00J20101-1	C1200182	Port Angeles	Local Source Control	The Local Source Control (LSC) partnership focuses directly on assisting small businesses to prevent polluted runoff. The funds	48.117976	-123.430023			1/3/2012	10/10/2015

PC	00J20101-1	G1200455	Puget Sound Clean Air Agency	Expansion of Wood Stove Removal Program-Prevent PAH Pollution	PSCAA will extend and complement the Wood Smoke Reduction Program in Pierce County. Wood burning is a major source of PAH	47.614438	-122.343836			6/20/2012	12/31/2014
PC	00J20101-1	C1200187	Puyallup	Local Source Control	The Local Source Control (LSC) partnership focuses directly on assisting small businesses to prevent polluted runoff. The funds	47.185279	-122.292938			2012	10/10/2015
PC	00J20101-1	G1300029	Seattle Public Utilities	Preventing Automobile Leaks - Vehicle Leaks Education Project	Seattle Public Utilities and WA Department of Ecology will extend a vehicle leak reduction project. We will conduct at lease 98 hands-on	47.605006	-122.329502		Ecology, South Seattle Community College,	8/28/2012	7/1/2014
PC	00J20101-1	G1300084	Seattle Public Utilities	South Landers Street Stormwater Drain Clearing	This grant will fund an intensive cleaning program of storm water lines to remove legacy loads. A substantial load of sediment has	47.605006,	-122.329502			1/1/2013	12/31/2014
PC	00J20101-1	N20443	Snohomish County	Snohomish County PIC (Pollution Identification and Correction) Program	PIC programs monitor watersheds for fecal coliform bacteria. Pollution hot spots trigger community outreach and property surveys to identify and correct sources such as onsite sewage	48.205685	-122.22599			9/1/2013	3/31/2016
PC	00J20101-1	C12000133	University of Washington	Stormwater Low Impact Development Web-based Information System	This grant will assemble information from a variety of local, regional, and state-wide sources into a web-based information system that will facilitate communication among	47.653681,	-122.316992	sound-wide		11/1/2011	11/1/2012
PC	00J20101-1	C1200142	University of Washington	On-site Septic System Denitrification Verification	This study, which includes contracts with Dept of Health and University of Washington, will evaluate and verify new technologies to reduce	46.98441	-122.905855	sound-wide	Department of Health, City of Snoqualmie	2/10/2012	6/30/2014

PC	00J20101-1	G1300089	University of Washington	Biomonitoring for Emerging Contaminants	Little data has been collected on a wide variety of persistent, bioaccumulative and toxic chemicals with endocrine disrupting	47.653681	-122.316992	sound-wide		1/1/2013	1/30/2015
PC	00J20101-1	G1300035	University of Washington	SoundToxins Partnership Harmful Algal Blooms Monitoring	SoundToxins responds to an increasing threat of harmful algal blooms (HABs) in Puget Sound. This project will standardize methods	47.653681	-122.316992	sound-wide	NOAA Fisheries	9/6/2012	8/31/2014
PC	00J20101-1	G1300036	University of Washington	High Resolution Marine Water Quality Monitoring	The University of Washington will provide near-real time data to at lest three websites and will provide data quality oversight	47.653681,	-122.316992	sound-wide		9/6/2012	12/31/2013
PC	00J20101-1	C1200219	University of Washington Sea Grant	Ocean Acidification Blue Ribbon Panel	WA Department of Ecology will fund the Ocean Acidification Blue Ribbon Panel. The Panel was convened under the auspices of the	47.653681	-122.316992	sound-wide		3/16/2012	10/1/2012
PC	00J20101-1	C1200276	USGS Washington Water Science Center	State of the Science for Shellfish Processes, Sediment Interactions and Watershed Attenuation of Nitrogen in Puget Sound	United States Geologic Survey will evaluate the state of science for shellfish processes, sediment interactions, and watershed attenuation of nitrogen in the Puget Sound ecosystem.	47.254126	-122.440696	sound-wide		6/1/2012	12/31/2013
PC	00J20101-1	C1200278	WA Department of Agriculture	Pesticide Use Survey	When pesticides reach water they cause problems. The Puget Sound Toxics Assessment found that urban pesticides are the leading source of	47.036848	-122.898774	sound-wide	USDA National Agricultural Statistics Service	8/6/2012	12/31/2013
PC	00J20101-1	C1300094	WA Department of Ecology	Landscaper Certification and Accreditation Program	Currently, there are not enough land care professionals with knowledge about green infrastructure, restoration horticulture, and other sustainable practices. This program will address	47.04761	-122.808394	sound-wide	Cascadia Consulting Group	10/10/2012	6/30/2014

PC	00J20101-1	internal award	WA Department of Ecology	Biennial Science Work Plan Model and Stormwater Data Evaluation	WA Department of Ecology will update the computerized prediction tool called the “Box Model” with new information and analyze	47.04761	-122.808394	sound-wide		3/28/2012	12/31/2013
PC	00J20101-1	internal award	WA Department of Ecology	Evaluation of Toxics in Roofing Material	The Puget Sound Toxics Loading Assessment identified roofing materials as one of the largest potential sources of cadmium,	47.04761	-122.808394	sound-wide		2/22/2012	10/31/2013
PC	00J20101-1	internal award	WA Department of Ecology	Nutrient Synopsis Website	This project will combine already summarized information into a website targeting the general public and local governments. The	47.04761	-122.808394	sound-wide		7/18/2012	6/30/2014
PC	00J20101-1	internal award	WA Department of Ecology	Safer Alternatives Assessment	WA Department of Ecology is leading a collaborative process to define elements of and finalize a method for conducting safer	47.04761	-122.808394	sound-wide		6/1/2011	12/30/2012
PC	00J20101-1	internal award	WA Department of Ecology	Polybrominated Diphenyl Ethers (PBDE) Enforcement	Numerous persistent, bioaccumulative toxics (PBTs) have been banned for certain uses. While it is illegal to sell the products containing these toxics, there is no	47.04761	-122.808394	sound-wide		1/30/2012	7/31/2013
PC	00J20101-1	internal award	WA Department of Ecology	Non-Point Source Inspectors	Two Department of Ecology inspectors will anchor the Whatcom Pollution Control Action Team (PCAT). PCAT is designed to identify and address pollution from a variety of point and nonpoint sources.	48.895421	-122.603302	sound-wide	Department of Health, Counties, Conservation Districts, Cities.	4/6/2012	10/10/2016
PC	00J20101-1	internal award	WA Department of Ecology	Agriculture Best Management Practice Effectiveness Monitoring	WA Department of Ecology, Conservation Commission, local partners, and stakeholders will provide baseline data for identifying	47.04761	-122.808394		Whatcom County Clean Water Program	12/6/2012	10/1/2016

PC	00J20101-1	internal award	WA Department of Ecology	Toxics and Nutrients Grant Administration	WA Department of Ecology will administer, track and report on the projects and sub awards for the six year Toxics and Nutrients Lead Organization Grant from US EPA.	47.04761	-122.808394			2/1/2011	1/19/2017
PC	00J20101-1	internal award	WA Department of Ecology	Clean Water BMPs for Agricultural Activities	The Clean Water BMPs for Agricultural Activities is a fund to pay for the installation of BMPs to address nutrient and pathogen pollution. The fund will pay for	47.04761	-122.808394	sound-wide	Department of Health, Counties, and Conservatio	4/12/2012	10/10/2016
PC	00J20101-1	internal award	WA Department of Ecology	Fish Consumption Rate Rule-Making	This project funds one part of the multi-year Department of Ecology effort to update the fish consumption rate part of the water			sound-wide		4/1/2011	1/19/2017
PC	00J20101-1	internal award	WA Department of Ecology	Inspection and Implementation: Nonpoint Pollution Sources	Ecology will use half the funds (one FTE) to conduct inspections of non-point sources of pollution primarily in agricultural areas. These inspections will, parcel-by-parcel, identify the BMPs that need to be			sound-wide		9/20/2013	11/30/2016
PC	00J20101-1	internal award	WA Department of Ecology	PAHs in Sensitive Freshwater Aquatic Habitat near Railroads in Puget Sound	The Puget Sound Toxics Loading Assessment estimated that creosote treated wood accounted for over one-third of the total PAH release in the Puget Sound basin. Marine pilings, railroad ties and utility poles represent the major sources. Statewide, railroad ties were			sound-wide		8/15/2013	3/31/2015
PC	00J20101-1	internal award	WA Department of Ecology	Measurement of PPCPs and PFASs in Urban Bay Sediments (Elliott Bay)	Concentrations of 119 pharmaceuticals and personal care products (PPCPs) and 13 perfluorinated alkylated substances (PFASs) will be measured in sediment collected from 30 monitoring stations in Elliott Bay for	47.597713	-122.364521			6/1/2013	5/30/2014

PC	00J20101-1	C1300207	TechLaw, Inc	Establishing a Green Chemistry Center	TechLaw will form a Green Chemistry Center as a point-of-contact and catalyst for collaborative green chemistry research and development, education and technical assistance.	47.04761	-122.808394	sound-wide		6/162013	9/30/2016
PC	00J20101-1	C1200253	Pure Strategies, Inc	Technical Writer for Alternative Assessment Guidance	With the assistance of two consultants, Ecology is leading a collaborative process with stakeholders to define elements of and finalize a method for conducting safer alternative assessments, using existing models as a starting point for discussion			sound-wide		5/10/2012	6/30/2013
PC	00J20101-1	internal award	WA Department of Ecology	Ferry-Based Monitoring	Ecology will expand their ferry monitoring network beyond the Victoria Clipper to Washington Department of Transportation ferries. The data will help estimate flushing, net exchange, and circulation of water between Puget Sound and the ocean and improve and calibrate water quality models to better understand and predict	47.04761	-122.808394	sound-wide	Department of Transportation, University of Washington	3/31/2014	4/30/2015
PC	00J20101-1	C1200226	WA Department of Fish and Wildlife	Puget Sound Seafood, Crab and Shrimp Assessment	Current toxics monitoring programs do not adequately address Dungeness crabs and spot prawns which are important because of their abundance, role in the food web, and people eat them. WA	47.037521	-122.899203	sound-wide	Department of Health, NOAA Fisheries	4/19/2012	5/1/2013

PC	00J20101-1	G1400206	WA Department of Fish and Wildlife	Chemicals of Emerging Concern – Exposure and Effects in Puget Sound Biota	This project provides a Sound-wide assessment of the presence and biological impact of selected Contaminants of Emerging Concern (CEC) in English sole, an important toxics monitoring species in Puget Sound.			sound-wide	National Oceanic and Atmospheric Administration	10/1/2013	12/31/2015
PC	00J20101-1	G1300083	WA Department of Fish and Wildlife	Juvenile Chinook Salmon Contaminant Monitoring (Sample Collection)	Juvenile Chinook salmon can encounter a wide range of water quality conditions, from relatively clean to highly contaminated, as they migrate from freshwater to saltwater in Puget Sound. During this life stage, as they transition from fresh to saltwater, they are particularly sensitive to stressors such as toxic contaminants.	47.037521	-122.899203	sound-wide	NOAA Fisheries	2013	9/30/2014
PC	00J20101-1	C1200130	WA Department of Health	On-site Septic System Denitrification Verification	This study, which includes contracts with Dept of Health and University of Washington, will evaluate and verify new technologies to reduce nitrogen in domestic wastewater. If	46.98441	-122.905855	sound-wide	University of Washington, City of Snoqualmie	2/10/2012	6/30/2014
PC	00J20101-1	G1200469	WA Department of Natural Resources	Creosote Removal Project - Prevent PAH Pollution	The WA Department of Natural Resources (DNR) is supporting support DNR's Creosote Removal Program to reduce PAH inputs and	47.037491	-122.89813			7/13/2012	12/31/2014
PC	00J20101-1	C1200179	City of Bothell	**Sectors Go Green**	The Local Source Control (LSC) partnership focuses directly on assisting small businesses to prevent polluted runoff. The funds will support the existing LSC	47.761945	-122.205391			1/4/2012	10/10/2015

PC	00J20101-1	C1200179, C1200182, C1200187, C1400011	City of Bothell, City of Port Angeles, City of Puyallup, Snohomish	**Local Source Control**	The Local Source Control (LSC) partnership focuses directly on assisting small businesses to prevent polluted runoff. The funds will support the existing LSC	47.761945	-122.205391		sound-wide	1/3/2012	10/10/2015

Indicates that it was in the FEATS report

See comment

Status	fy10	fy11 round 1/2	fy12 round 3	fy13 round 4	Shellfish beds Target	Habitat Target	Delisting 303(d) List	DO in marine waters	Eelgrass	Estuaries	Floodplains	Fresh-water Quality	Management of OSS	Marine Sediment	Orcas	Toxics in Fish	Insects in small streams	Wild Chinook	Pacific herring	Shellfish beds	Shoreline armoring	Summer streamflows	Land Cover	Land Development	Swimming beaches	Toxics	Nutrients	Pathogens	Watersheds	Marine/nearshore	Outreach and education	Habitat Related	Climate Change	Stormwater	Other
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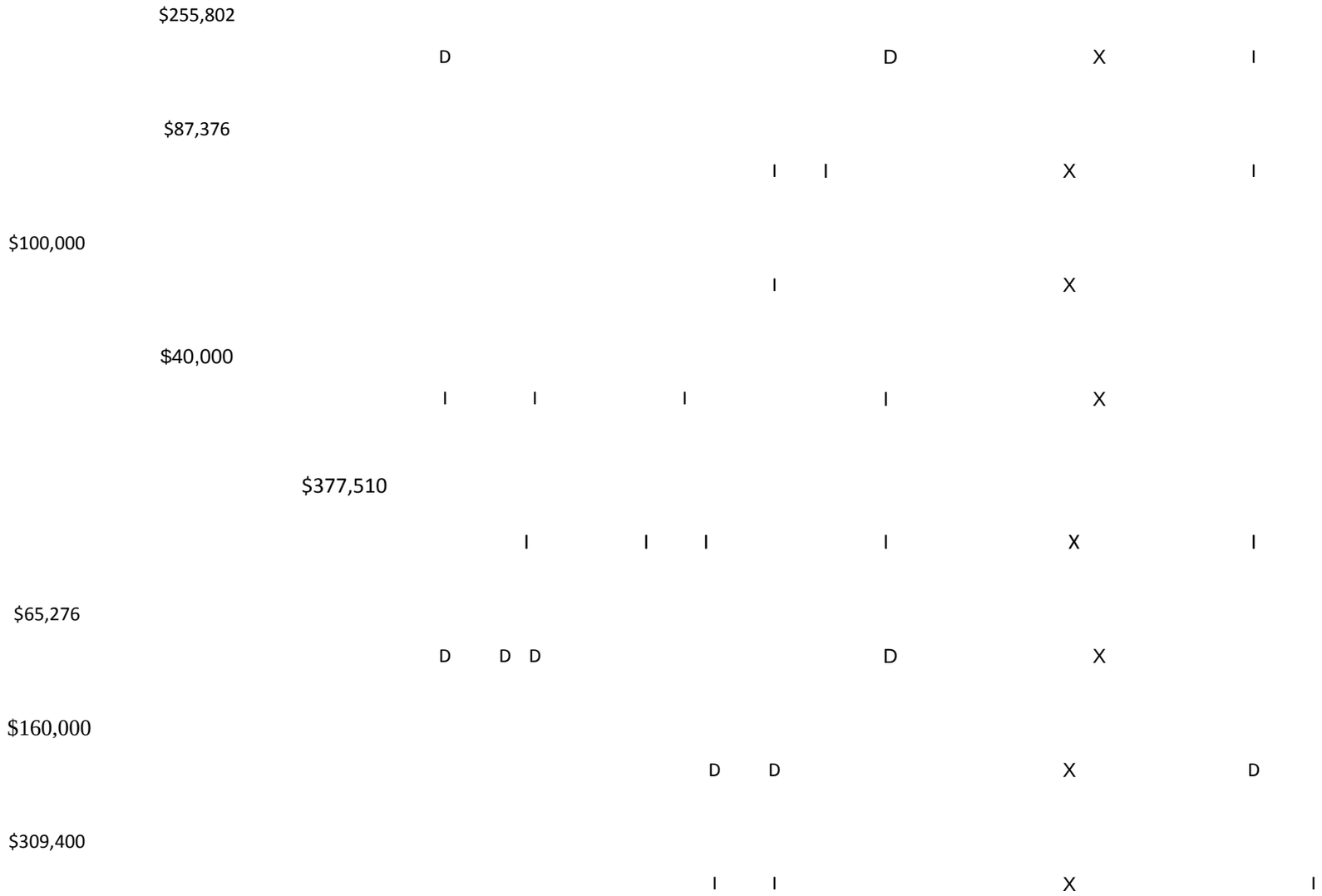
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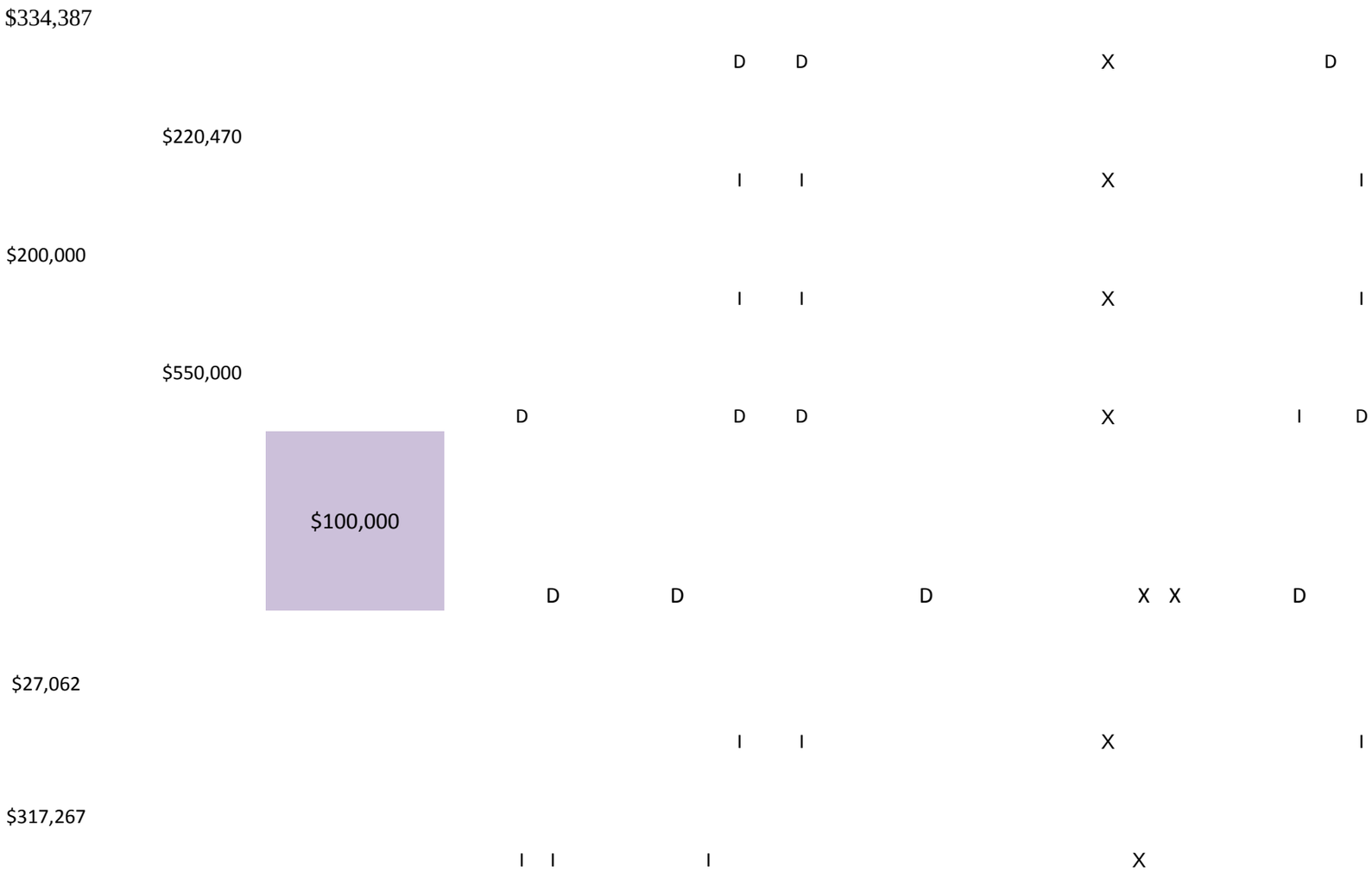
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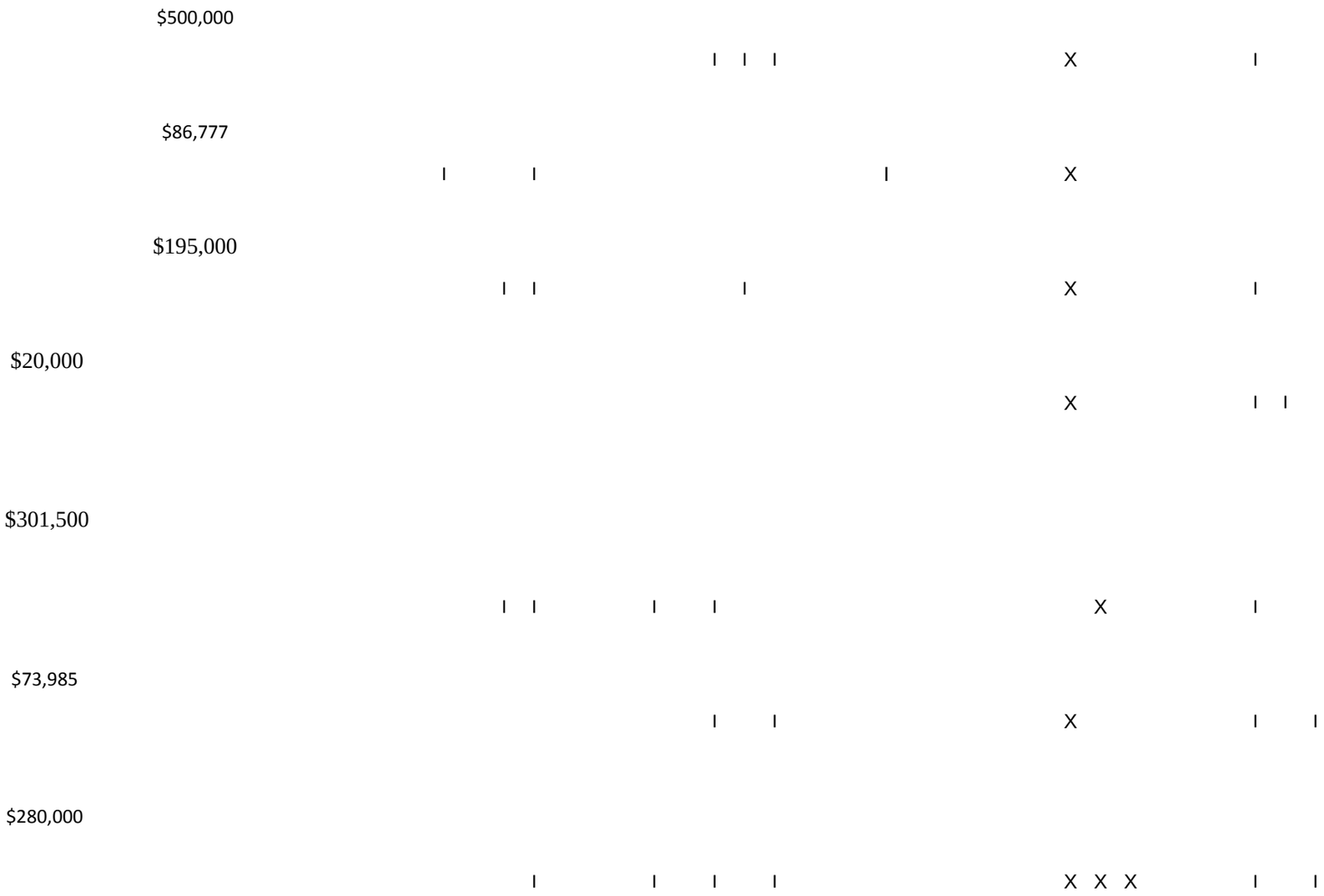
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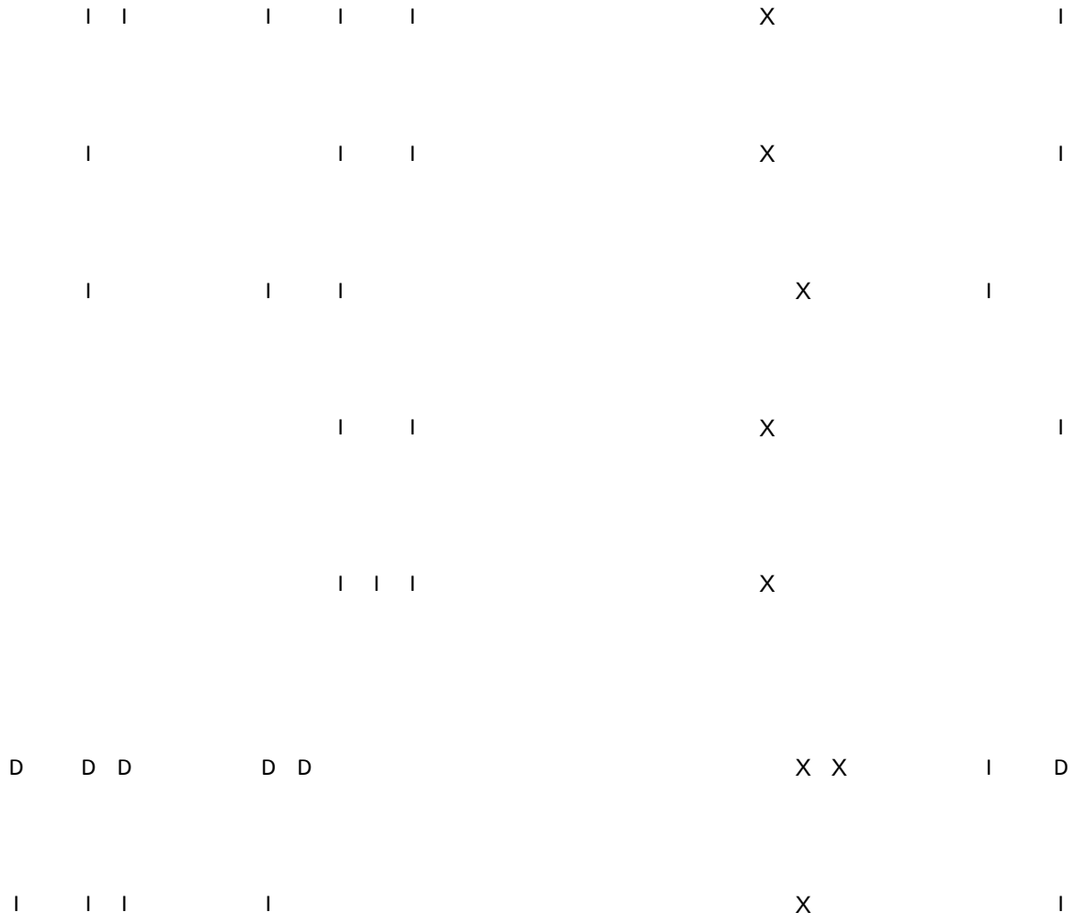

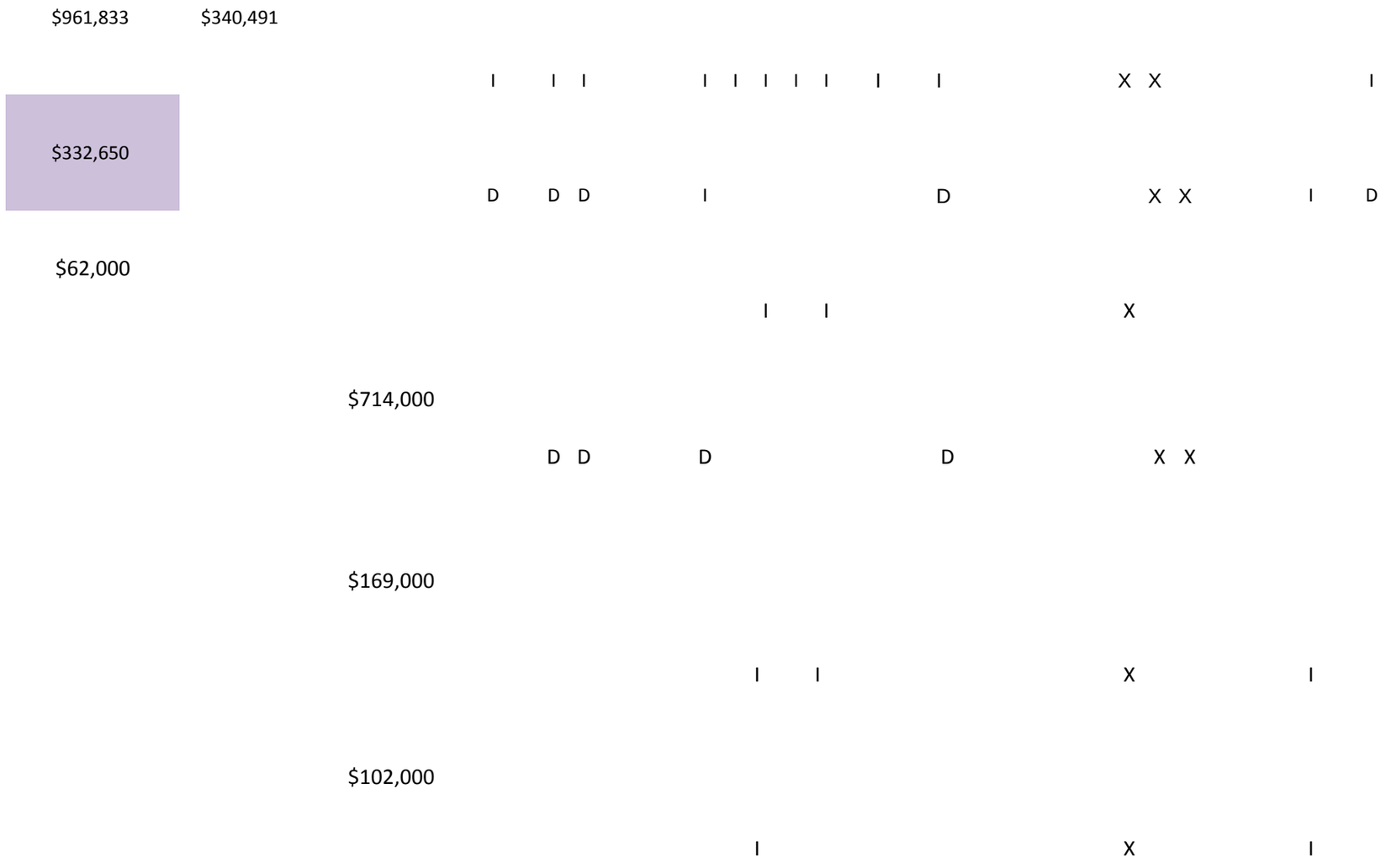
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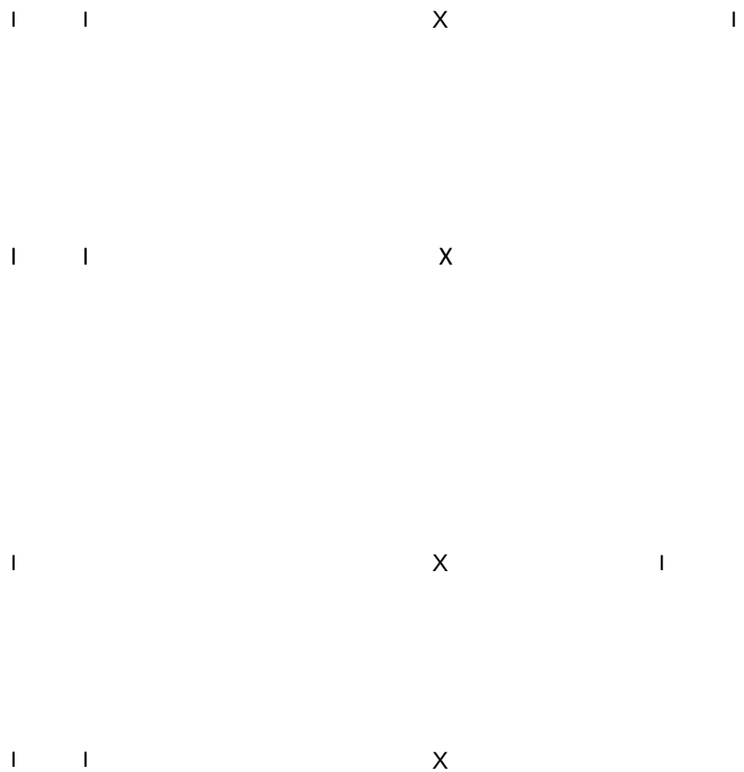

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Outputs	Outcomes	Action Agenda	GRANT_TYPE_PSP	GRANT_FAMILY	Recipient Type	LIO
		C 3.2 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	nonprofit	San Juan/Whatcom
will conduct between 100-300 source control site visits per full time equivalent per year, depending on the type of source control technical	Businesses prevent, manage and control waste in a way that reduces the likelihood and amount of toxics reaching the sanitary sewer and stormwater system. Less stormwater pollution resulting in improved water quality.	C1.4 NTA 3; C2.4 NTA 1; C 1.6 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	South Central Puget Sound
Acquire a 47-acre golf course on Oakland Bay and Johns Creek. Cease operation of the golf course, stop irrigation and nitrogen/lawn chemical application, and begin restoring property.	A source of fertilizers and lawn chemicals will be removed, and summer irrigation water will be returned to instream flow, resulting in increased water quality and quantity in Johns Creek and Oakland Bay.• Decreased concentrations of nitrogen and/or phosphorus in marine and freshwater.• Improved dissolved oxygen concentrations in marine or freshwater.• Improved aquatic life health due to lower	C9.1: TMDLs; B.2.1:Shoreline restoration; South Sound LIO NTA 8: Johns Creek (Bayshore) Estuary Restoration;	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	nonprofit	South Puget Sound
grassy ditches, converting them into enhanced treatment and infiltration systems. This would produce a total of 7,200ft2 of	runoff from 18.02 acres of development which currently discharges more than 18 pounds of phosphorus per year into Lake Whatcom. According to Ecology-approved stormwater modeling software, the	C 2.3 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	San Juan/Whatcom
Final Alternative Assessment Guidance document vetted through stakeholder process and posted to website. Conduct safer alternatives assessment on at least one chemical or product.	Businesses and governments will use the Alternative Assessment Guidance to conduct alternative assessments on chemicals they are using. The annual pounds of hazardous materials are reduced. By 2015, increase the use of safer chemicals cumulatively by 40%.	C 1.2 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	nonprofit	sound-wide
will conduct between 100-300 source control site visits per full time equivalent per year, depending on the type of	that reduces the likelihood and amount of toxics reaching the sanitary sewer and stormwater system. Less stormwater pollution resulting in improved water quality.	C 2.4 NTA 1; C 1.6 NTA 1;C 1.4 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	San Juan/Whatcom

to address nutrients (and other pollution and habitat issues) in a high-priority watershed. Specific outputs/deliverables	Reduced nutrients loads lead to higher dissolved oxygen concentration in rivers and/or the marine water of Puget Sound.	C 9.4 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	North Central Puget Sound
proposed project will be a current measurement of the extent and magnitude of toxic contaminant exposure in wild	generated from this study and communications of the key findings to scientists, managers, policy makers and the general public include: 1) an assessment of progress towards meeting 2020 recovery goals; 2) a measure of	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	federal	sound-wide
consumption rate acceptable to NWIFC member tribes for Washington clean-up and water quality criteria development,	WA Department of Ecology can adopt a more appropriate fish consumption rate.	C1.1 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	tribal organization	sound-wide
Quality Assurance Project Plan for simulating pH with the Puget Sound Water Quality model.	on low pH in Puget Sound. Therefore, better understanding of how potential nutrient load reductions could improve pH levels. Healthier pH levels in Puget Sound waters.	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
• Draft and final Quality Assurance Project Plan • Revised Puget Sound Georgia Basin Dissolved Oxygen Model • Draft and final project reports	Reduce uncertainty in dissolved oxygen impacts from humans. Improve information driving regulatory decisions. • Quantify the linkage between nutrients from natural sources (e.g. the Pacific Ocean) and human sources and dissolved oxygen impacts that accounts for the effect of sediment processes. • Reduce dissolved oxygen impacts from humans to meet the water quality standards into the future	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	nonprofit	sound-wide
process, WA Department of Ecology will select a project that will reduce nutrient loading to a problem area in the Budd Inlet	Reduced nutrient loading to Budd Inlet. Reduced nutrient loading will result in higher dissolved oxygen levels and a healthier ecosystem.	C7.3.4: Nitrogen Control Using Shellfish	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	nonprofit	South Puget Sound
Remove 120 creosote-treated pilings that are leading contributors of PAH pollution.	Prevent PAH pollution to Puget Sound. Reduced pollution load leads to cleaner water quality and a healthier ecosystem.	C1.1 NTA1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	South Puget Sound
will conduct between 100-300 source control site visits per full time equivalent per year, depending on the type of	that reduces the likelihood and amount of toxics reaching the sanitary sewer and stormwater system. Less stormwater pollution resulting in improved water quality.	C 2.4 NTA 1; C 1.6 NTA 1;C 1.4 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	San Juan/Whatcom

Remove at least 207-360 wood stoves that are leading contributors of PAH pollution.	The total PAH emissions reductions from this work will be about 450 lbs. per year, which is about 6.5 tons over a 30-year period.	C1.1 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	regional	South Central Puget Sound; South Puget Sound
will conduct between 100-300 source control site visits per full time equivalent per year, depending on the type of	that reduces the likelihood and amount of toxics reaching the sanitary sewer and stormwater system. Less stormwater pollution resulting in improved water quality.	C 2.4 NTA 1; C 1.6 NTA 1;C 1.4 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	South Central Puget Sound
workshops in the Seattle are to will teach participants how to detect oil and other fluid leaks, identify the sources of the	Reduce drips and leaks of oils and other fluids from automobiles, the leading source of these pollutants. Reduced oil and fuel loading to Puget Sound results in cleaner water and healthier ecosystems.	C2.4 NTA 2 Vehicle Leak Detection Program	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	South Central Puget Sound
stormwater entities to remove toxics materials from stormwater systems. Specific outputs/deliverables will be	the stormwater system, those materials will not continue to migrate down the system and into natural waterways. Coupling this project with effective pollution prevention programs will ensure the	C2.3 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	South Central Puget Sound
Pollution sources will be identified and corrected. Deliverables include monitoring data, outreach activities to engage the public, technical assistance site visits, and BMPs installed to correct problems.	{Will need to coordinate with DOH Pathogens grant}	C 9.4, C 9.4 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	local government	North Central Puget Sound
Stormwater Information Repository (annotated literature review, IDDE manual and repository, and white paper on recommended next steps).	Creation of a Stormwater Information Repository.	C 2.1 -- Manage urban runoff at the basin and watershed scale	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	university	sound-wide
advisory committee. (2) Draft and final QAPP. (3) Selection and installation of treatment technologies to be evaluated.	sewage system technologies. (1) Increased use (either voluntary or regulatory) of nitrogen-removing systems in areas suffering from low dissolved oxygen levels, (2) reductions in nitrogen loading from on-site sewage	C5.1 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	university	sound-wide

exposure and biological impacts from endocrine disrupting compounds. Data to support development and improvement	from endocrine disrupting compounds on Puget Sound ecosystem. Support development of toxics related indicators and benchmarks to assess the health of Puget Sound. Reduce impacts from endocrine disrupting	C1.1 NTA 6	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	university	sound-wide
• On-site training sessions for newly established or expanded Sound Toxins monitoring sites. • Sound Toxins database with all data	from HABs tainted seafood harvested from Puget Sound. • Reduction of potential economic losses to Puget Sound fisheries caused by product recalls and inability to harvest. • Increased efficiency of HABs	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	university	sound-wide
Quality Assurance Project Plan. And near-real time data to at lest three websites and will provide data quality oversight		Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	university	sound-wide
recommendations to the Governor, National Oceanic and Atmospheric Administration, EPA and regional research	understanding of the effects of ocean acidification and will help shape our response to this pressing problem, strengthening the link between science and effective management of our natural resources. Prevent,	C7.5 NTA4	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	university	sound-wide
Develop reports compiling the current state of the science on shellfish nutrient dynamics, quantifying nutrient fluxes from Puget Sound sediments, and characterizing the nutrient attenuation potential of the Puget Sound Watershed	Increased knowledge of key nutrient processes. More effective and tailored management actions that are more likely to solve nutrient problems.	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	federal	sound-wide
advisory committee. (2) Draft and final QAPP. (3) Survey designed and executed. (4) Draft and final Report.	pesticide use in urban areas. (1) Increased knowledge of pesticide use in urban areas, (2) developed and approved survey protocol for gathering pesticide use information in urban areas, and (3) identification of	C1.1 NTA 5	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
Washington that comprehensively addresses all aspects of sustainable, ecological land care, provides practical knowledge for people in the field, recognizes	Help reduce the overall use of pesticides and synthetic fertilizers in the soil and water. Help reduce PAH and particulate emissions from two-stroke engines. Increase natural stormwater filtration and reduce stormwater run-off through cutting edge landscape design, development, and maintenance.	C1.4 NTA1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide

Report. PSTLA data in EIM. Established reduction targets for modeled contaminants needed to meet environmental	reductions. Impacts of reductions in non-urban areas evaluated. Educational tool for public and managers on impacts, recovery timeframes, and management options. Stormwater: Information to inform regional	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
(1) Final QAPP.(2) Final Report.(3) Data on metals and phthalates found in various roofing materials.(4) Data on metals and phthalates in runoff from various roofing materials.	(1) Alternatives assessment for roofing materials. (2) Better alternatives implemented for roofing materials. (3) Educational outreach to inform consumers on lower impact roofing materials. Metals and phthalate inputs to Puget Sound reduced. Biological impairments to Puget Sound from metals and phthalates reduced.	C1.2 NTA1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
nitrogen in the Puget Sound ecosystem as web page. Draft and final report summarizing recent field observations to	Qualitative and quantitative information on nitrogen in the Puget Sound ecosystem. Improved communication to both technical and general audiences.	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
Guidance document vetted through stakeholder process and posted to website. Conduct safer alternatives	Assessment Guidance to conduct alternative assessments on chemicals they are using. The annual pounds of hazardous materials are reduced. By 2015, increase the use of safer chemicals cumulatively by 40%.	C1.2 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
Sample products offered for sale to Washington consumers for specific banned chemicals, and work to ensure that any manufacturer found to violate	Reduce the use of banned PBDEs in Washington State.	C1.6 NTA 2	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
1. Site inspections will be conducted. 2. Every parcel inspected installs necessary best management practices to protect water quality.	(1) Decreased nitrogen concentrations in streams, rivers, and groundwater as shown by ongoing monitoring programs. (2) Meet fecal coliform standards in shellfish areas. (1) Meet drinking water quality standards in groundwater (2) Meet dissolved oxygen standards in marine waters. (3) Continue meeting fecal	C 7.1 NTA 3; C 3.1 NTA 2; C 3.2 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
this project can be used to guide implementation of BMPs and track the effectiveness of actions.	Improved use of BMPs on agricultural land.	C 3.1 NTA 2; C 3.2 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	San Juan/Whatcom

		n/a (Administration, pays coordinator, grant manager, and sometimes fiscal)	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
Annual reports describing the BMPs installed and in progress, total amount spent, and locations of projects.	installed. (1) Reductions in nitrogen and pathogen loading from agricultural areas, (2) improvements to dissolved oxygen concentrations in sensitive areas of Puget Sound, and (3) improvements in fecal coliform	C3.1 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
Progress updating the Human Health Criteria in the state's water quality standards.	Updated Human Health Criteria in the state's water quality standards.	C 1.1, C 1.1 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
1)75 inspections per year. 2)Complete the implementation of 25 BMP projects per year.	Reduced nutrient and fecal coliform pollution to rivers, streams, and Puget Sound. Shellfish beds are open and dissolved oxygen is not impacted by excessive nutrients.	C 1.6,; C 1.6 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
• Evaluate is elevated levels of PAHs are present in sensitive freshwater areas near railroads. • Establish baseline conditions for PAHs near railroad lines. These data will be helpful in assessing future impacts from increased railroad traffic.	1. Develop strategies to reduce the release of PAHs from this source.2. Reduce levels of PAHs in the Puget Sound basin. 3. Reduce biological impairments from PAHs in the Puget Sound basin.	C 1.1, C 1.1 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
Data will be summarized, analyzed, and posted to the Ecology web as: raw data, summary tables and distribution maps, posters and peer-reviewed report.	1. Establish baseline conditions for PFC and PPCPs in a major Puget Sound Urban embayment 2. Prioritize the need to develop source control strategies for PFCs and PPCPs in Puget Sound. 3. Reduce levels of PFCs and PPCPs in Puget Sound 4. Reduce biological impairments from PFC and PPCPs in Puget Sound	C 1.1 NTA 6	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	South Central Puget Sound

Establish multi-stakeholder steering committee; Develop business plan; Conduct 3-6 alternatives assessments; Conduct annual training workshops & conference; Advance green chemistry	Annual pounds of hazardous materials reduced (two percent annual reduction).	C1.2 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	consultant	sound-wide
Final Alternative Assessment Guidance document vetted through stakeholder process and posted to website. Conduct safer alternatives assessment on at least one chemical or product.	Businesses and governments will use the Alternative Assessment Guidance to conduct alternative assessments on chemicals they are using. The annual pounds of hazardous materials are reduced. By 2015, increase the use of safer chemicals cumulatively by 40%.	C 1.2, C 1.2 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	consultant	sound-wide
Draft and Final report summarizing the data obtained and its use in improving our understanding of Puget Sound water quality and incorporation into PS models.	Improved understanding of the exchange of water between Puget Sound and the Strait of Juan de Fuca through Admiralty Inlet; a key driver of water quality in Puget Sound. Improved numerical models of Puget Sound that can be used for TMDLs and subsequent setting of NPDES permit limits and load allocations for diffuse pollution sources as appropriate	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
Final QAPP- Final Report- Data on crab and spot prawn in Puget Sound as support for a human health risk assessment from consumption of these species	Data to assess contaminant levels in crab and spot prawn. Baseline information to assess effectiveness of actions to reduce toxics in seafood Reduced risk to consumers from consumption of crab and spot prawn	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide

Final Report	Fill important data gaps in our understanding of the biological impacts or occurrence from currently used CECs that can be used to develop a more comprehensive effects-based monitoring program for Puget Sound.	C 1.1, C 1.1 NTA 6	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
The primary output of the proposed project will be a current measurement of the extent and magnitude of toxic contaminant exposure in wild juvenile Chinook salmon from four major Puget Sound river mouths and embayments encompassing a wide gradient of contaminant inputs.	Outcomes associated with the transfer of data generated from this study and communications of the key findings to scientists, managers, policy makers and the general public include: 1) an assessment of progress towards meeting 2020 recovery goals; 2) a measure of the effectiveness of current strategies and actions; and 3) guidance on toxics reduction strategies	Biennial Science Work Plan	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
advisory committee. (2) Draft and final QAPP. (3) Selection and installation of treatment technologies to be evaluated. (4) Draft and final Report.	sewage system technologies. (1) Increased use (either voluntary or regulatory) of nitrogen-removing systems in areas suffering from low dissolved oxygen levels, (2) reductions in nitrogen loading from on-site sewage systems, and (3) improve dissolved oxygen	C5.1 NTA 3	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
Remove at least 400 creosote-treated pilings.	Prevent 700 pounds of PAH pollution to Puget Sound. Reduced pollution load leads to cleaner water quality and a healthier ecosystem.	C1.1 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20101	state	sound-wide
Each source control specialist will conduct between 100-300 source control site visits per full time equivalent per year, depending on the type of	Businesses prevent, manage and control waste in a way that reduces the likelihood and amount of toxics reaching the sanitary sewer and stormwater system. Less stormwater pollution resulting in improved water quality.	C 2.4 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20102	local governement	sound-wide

Each source control specialist will conduct between 100-300 source control site visits per full time equivalent per year, depending on the type of	Businesses prevent, manage and control waste in a way that reduces the likelihood and amount of toxics reaching the sanitary sewer and stormwater system. Less stormwater pollution resulting in improved water quality.	C 2.4 NTA 1	Toxics and Nutrients: Prevention, Reduction and Control Lead Organization Grant	00J20102	local governement	sound-wide	